

TOSHIBA

IK-WB15A

IP NETWORK CAMERA



SD CARD NOT INCLUDED



- Crisp, high resolution 1280 x 960 (SXVGA) video viewed on any PC using a standard web browser
- Super CCD delivers 60% greater resolution than conventional square-pixel CCDs, along with increased sensitivity, S/N ratio and dynamic range
- Remotely monitor your home, business, office, vacation property, construction site or any facility over LAN, Intranet or Internet
- 2.6x optical zoom
- Up to 30 frames per second of streaming video at 640 x 480 (7.5 fps at 1280 x 960)
- Remotely control 112° pan, 54° tilt with auto patrol
- 802.3af Power Over Ethernet (PoE) delivers electrical power via the same Ethernet cable being used for data communications with equipment. Requires optional power supply.
- Built-in slot for SD card for recording at the camera
- Camera operates as a stand-alone unit with a built-in web server — no on-site PC required
- Two-way audio communication over network
- Day/night capability with auto switching to black-and-white mode in low light
- Motion detection capability
- Restriction of Hazardous Substances (RoHS) Compliant
- One year warranty



IK-WB15A

IP NETWORK CAMERA

IMAGING

Image Sensor
Effective Picture Elements
Lens

1/4 inch SCCD (Honeycomb)
630 K pixels
2.6x Optical Zoom
Focal length: 2.8 mm to 7.3 mm
F1.9 (wide), F3.1 (tele)

Resolution

SXVGA: 1280 x 960, VGA: 640 x 480, QVGA: 320 x 240, QQQGA: 160 x 120

Minimal Illumination

0.18 lx (4 s, F1.9, AGC High)

Compression

JPEG (Video Streaming Motion-JPEG)

White Balance

Auto, Indoor1, Indoor2, Outdoor, Hold, Manual

Auto White Balance

Normal/Wide

AGC (Gain)

Off/Normal/High 0 dB (Off), 18 dB (Normal), 24 dB (High)

Backlight Compensation

Off, Screen Upper 2/3, Screen Lower 2/3, Screen Center 1/3, Screen Center 1/6, Screen Right and Left 1/2, Auto

Picture Quality Settings

5 Steps

CONTROLS

Pan
Tilt
Day/Night Imaging (Color Cut)
Maximum Frame Rates

112° (+56° to -56°)

54° (+5° to -49°)

Yes

1280 x 960: 7.5 FPS, 640 x 480: 30 FPS,

320 x 240: 30 FPS, 160 x 120: 30 FPS

Yes (Sharp/Standard/Soft)

R-Y/B-Y Gain Control

Low/Middle/High (3D Digital System)

Off, 1/7.5 s (x4), 1/3.75 s (x8), 1/2.5 s (x12), 1/1.8 s (x16), 1 s (x30), 2 s (x60), 4 s (x120), Off=1/30 s

Sharpness

Color Gain

DNR

Slow Shutter

PHYSICAL

External Memory
Dimensions (inches)
Power Requirement

SD Card Slot

5.0" (H) x 5.0" (W) x 4.7" (D)

12 V DC (±10%) via AC adaptor: 100-240 V

PoE (IEEE802.3.af)

Power Consumption

10 watts (approximately)

Operating Temperature

14° to 122 °F

Operating Humidity

30% to 90% non-condensing

Weight

23 ounces

CERTIFICATIONS

UL6500/cUL (AC Power Adaptor)

FCC, Class B

RoHS Compliant

CONNECTIVITY

Ethernet
Microphone Input/Audio Output
Alarm Input/Output
Protocols

10BASE-T/100BASE-TX (RJ45)

Yes

Yes (1 Alarm In/1 Alarm Out)

TCP/IP, UDP/IP, FTPc, FTPs, DHCPc, HTTP,

DNS (Resolver), DDNS, ARP, ICMP, SMTP, NTPc, RNCp

REQUIREMENTS

Browser
Operating System

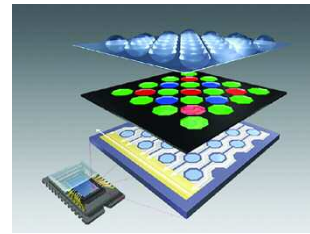
Internet Explorer® Ver. 6.0

Windows® 98/2000/XP

ACCESSORIES

Supplied

AC Power Adaptor, AC Power Cable, DC Extension Cable
Water-resistant Cover/Wall-Mount Holder, Tripod Screw
Socket, Sun Visor (to be used when installing outdoors),
Ferrite Core, Mounting Screws



Super CCD Imaging

The IK-WB15A is one of the first IP Network Cameras to leverage the full potential of the next generation Fuji® Super CCD with its unique 45° diagonal angled pixels. When compared with "megapixel" cameras, the Super CCD delivers 60% better horizontal and vertical resolution, fewer jagged edges, faster video processing, and broader dynamic range in an ultra-compact form factor. Plus, the Super CCD's higher sensitivity means you can use the IK-WB15A in more light-in environments.

SAMPLE CONNECTION

